

Notice of Allowability

Application No.

09/802,795

Examiner

Paula W. Klimach

Applicant(s)

MULTERER ET AL.

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/05/06.
2. ☒ The allowed claim(s) is/are 1,3-9,11-26,28-31,37,39-42,69,71 and 72.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/25/06</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dave Morasch on 7/20/06.

Please replace claim 1 with the claim below:

1. (currently amended) A method comprising:
initiating an online gaming activity from a gaming console with multiple users; and
authenticating the multiple users of the gaming console, the gaming console, a game title, and an online service together in a single request/reply exchange between an authentication entity and the gaming console, the authenticating comprising:
submitting a request from the gaming console to the authentication entity, the request containing identities of the multiple users, a gaming console identity, a game title identity, and an identity of the online service; and
returning a reply from the authentication entity to the gaming console that can be used to authenticate the multiple users, the gaming console, and the game title in the online gaming activity, the reply containing a session key for communication between the gaming console and the online service, and the reply being encrypted with a key associated with the online service.

Please cancel claim 2.

Please replace claim 3 with the claim below:

3. (currently amended) A method as recited in claim 1, wherein the authenticating further comprises:
forming, at the gaming console, [[a]] the request containing an identity string that includes [[a]] the gaming console identity, [[a]] the game title identity, ~~multiple-user~~ the identities of the multiple users, and an the identity of an the online service; and
submitting the request from the gaming console to the authentication entity;

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creating, at the authentication entity, ~~[[a]] the~~ reply containing the identity string along with the
~~and a session key. K_{XA} to be used in communication between the gaming console and the online~~
~~service, the reply being encrypted with a key associated with the online service; and~~
~~returning the reply from the authentication entity to the gaming console.~~

Please replace claim 6 with the claim below:

6. (currently amended) A method comprising:
submitting a single request from a game console to a ticket issuing entity, the request containing
a game console identity, multiple user identities identifying multiple users of the game console,
and an identity of an online service;
returning a ticket from the ticket issuing entity to the game console, the ticket containing the
game console identity and the multiple user identities encrypted with a key associated with the
online service, said returning including sending an attached session message along with the ticket
from the ticket issuing entity to the game console, the attached session message including a
randomly generated session key for communication between the game console and the online
service;
passing the ticket from the game console to the online service; and
decrypting the ticket at the online service, wherein after the decrypting the authenticity of the
multiple users contained in the ticket is trusted.

Please replace claim 7 with the claim below:

7. (currently amended) A method as recited in claim 6, wherein the single request
further includes an identity of the game console, and wherein the identity of the game console
identity is included in the ticket issued from the ticket issuing entity.

Please replace claim 9 with the claim below:

9. (currently amended) A method as recited in claim 6, wherein the ticket further
includes at least one of the online service identity, a time that the ticket is generated, a second
time parameter indicative of when the ticket expires, and ~~[[a]] the~~ randomly generated session
key to be used in communication between the game console and the online service.

Please cancel claim 10.

Please replace claim 11 with the claim below:

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11. (currently amended) A method as recited in claim 10 ~~6~~, wherein the attached session message is encrypted with a key associated with the game console.

Please replace claim 12 with the claim below:

12. (currently amended) A method as recited in claim 10 ~~6~~, wherein the passing comprises sending a second message with a current time encrypted with the randomly generated session key.

Please replace claim 13 with the claim below:

13. (currently amended) A method as recited in claim 12, wherein the ticket further includes ~~[[a]]~~ the randomly generated session key and the verifying decrypting, at the online service, further comprises:

decrypting the ticket using the key associated with the online service to recover the session key; decrypting the second message with the session key to recover the current time; and authenticating the multiple users and the game console in ~~the~~ an event that the recovered current time is within an acceptable time window from the current time.

Please replace claim 26 with the claim below:

26. (currently amended) A method for operating a game console, comprising: submitting a request to a ticket issuing entity, the request containing multiple user identities identifying multiple users of the game console, a game title, an identity of the game console, and an identity of an online service; and receiving a single ticket from the ticket issuing entity that can be used to authenticate the multiple user identities and the game title to the online service, the single ticket including a randomly generated session key to be used in communication between the game console and the online service.

Please cancel claim 27.

Please replace claim 29 with the claim below:

29. (currently amended) A method as recited in claim 26, wherein the ticket includes at least one of (1) the multiple user identities, (2) the identity of the online service, (3) an identity of the game console, (4) an identity of a game title being played in the game console, (5) a time that the ticket is generated, and (6) a second time parameter indicative of when the ticket expires; ~~and (7) a randomly generated session key to be used in communication between the game console and the online service.~~

Please cancel claims 32-36.

Please replace claim 37 with the claim below:

37. (currently amended) A method comprising:
receiving a request from a game console, the request containing multiple user identities of multiple users ~~who are playing~~ at the game console, a game console identity, a game title identity, and an identity of a third party;
generating a single ticket ~~to that can~~ be used to authenticate the multiple user identities, the game console identity, and the game title identity to the third party, the single ticket including a randomly generated session key to be used in communication between the game console and the third party; and
returning the ticket to the game console.

Please replace claim 39 with the claim below:

39. (currently amended) A method as recited in claim 37, wherein the ticket includes at least one of (1) the multiple user identities, (2) the identity of the third party, (3) ~~an identity of~~ the game console identity, (4) ~~an identity of a~~ the game title identity being played in the game console, (5) a time that the single ticket is generated, and (6) a second time parameter indicative of when the single ticket expires, ~~and (7) a randomly generated session key to be used in communication between the game console and the third party.~~

Please replace claim 41 with the claim below:

41. (currently amended) A method as recited in claim 37, further comprising:
~~generating a session key to be used in communication between the game console and the third party; and~~
sending the session key to the game console.

Please cancel claims 45-68.

Please replace claim 69 with the claim below:

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69. (currently amended) A game console, comprising:
a memory; and
a processor coupled to the memory, the processor being configured to obtain authentication of multiple users of the game console together in a single request/reply exchange with an authentication entity, wherein the single request/reply exchange identifies the multiple users, the game console, a game title, and an online service;
the processor being further configured to process a reply from the authentication entity that can be used to authenticate the multiple users, the game console, and the game title, the reply containing a session key for communication between the game console and the online service where the reply is encrypted with a key associated with the online service.

Please replace claim 72 with the claim below:

72. (currently amended) A system, comprising:
a ticketing issuing entity;
a game console configured to submit a request to the ticket issuing entity, the request containing multiple user identities identifying multiple users of the game console, a game console identity, a game title identity, and an identity of an online service; and
the ticket issuing entity being configured to generate a single ticket that can be used by the game console to authenticate the multiple user identities, the game console identity, and the game title identity to the online service, the single ticket including a randomly generated session key for communication between the game console and the online service when the single ticket is received at the game console.

Please cancel claim 73.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paula W. Klimach whose telephone number is (571) 272-3854.

The examiner can normally be reached on Mon to Thr 9:30 a.m to 5:30 p.m.

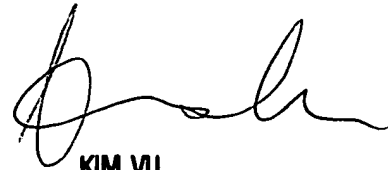
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PWK

Monday, July 24, 2006



KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100